C634147

MODEL 700™ M24

Model SWS™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: RE00115158

Verify Repair

Serial: C6349147 Model M24 SWS Center Fire
Caliber: 308 Produced: 06/19/1990

Repairman:

Status: Closed 7/31/2006 1:41:41 PM

Address Information

Customer:	Received From	Return To:	Received From
Name:	USPFO FOR COLORADO	USPFO FOR COLORADO	
Address 1:	1181 KILMER STREET	1181 KILMER STREET	
Address 2:	PO Box:	PO Box:	
City:	GOLDEN	GOLDEN	
State:	CO Zip Code: 80401 Country: US	State: CO Zip Code: 80401 Country: US	

FFL:

Contact / Condition | Problems | Estimate | History / Status | Shipping / Billing

Contact Information

Phone: NA

Fax:

Email:

Comments:

Received Condition

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
B000	FRONT AND REAR E	1

Repair Search | Refresh | Close

nagletj | 8/1/2006 | 7:31 AM | CAPS | NUM | INS | SCRL

start | 2 Micros... | Part Searc... | 5 Intern... | RAC0179-... | Arms Servi...

Serial Number: C6349147

Model: M24 SWS

RE00115158

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349147.__0
FILE DATE AND TIME: 08/15/2006 20:21

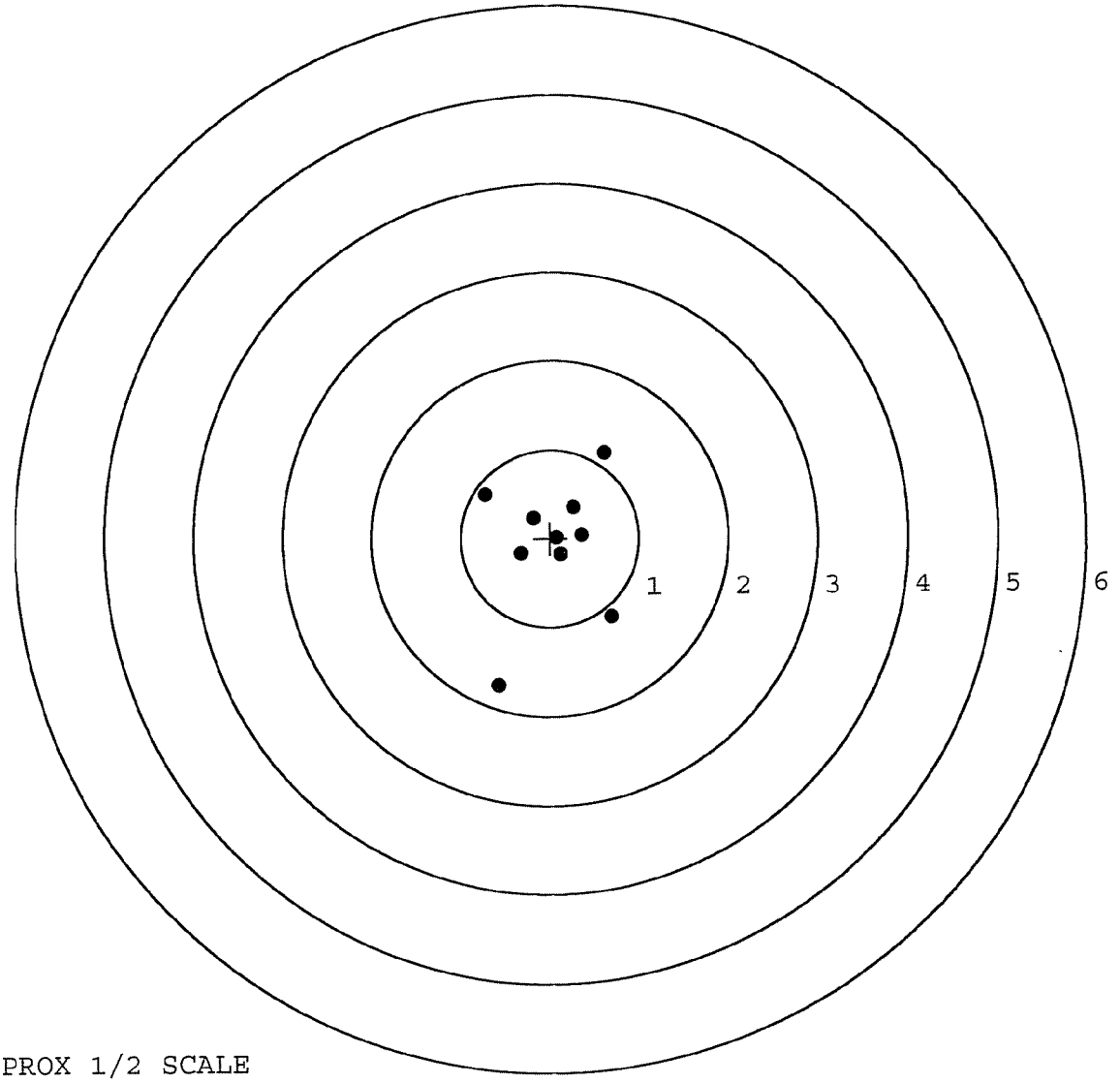
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.048
The Average Y Centroid of the Five Target Set:	-0.001
The Average Point of Impact of the Five Target Set:	0.048
The Average Mean Radius of the Five Target Set:	0.679
The Distance from POA to Centroid Target #1:	0.085
The Distance from Centroid Target #2 to Centroid Target #1:	0.067
The Distance from Centroid Target #3 to Centroid Target #1:	0.092
The Distance from Centroid Target #4 to Centroid Target #1:	0.238
The Distance from Centroid Target #5 to Centroid Target #1:	0.275

SERIAL NUMBER: C6349147.__0
TARGET NUMBER: 1
FILE DATE: 08/15/2006
FILE TIME: 20:21

X CENTROID:	0.028
Y CENTROID:	-0.080
POA TO CENTROID:	0.085
HORZ SPREAD:	1.409
VERT SPREAD:	2.615
GROUP SPREAD:	2.880
MIN RADIUS:	0.102
MAX RADIUS:	1.688
MEAN RADIUS:	0.671
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.616	0.964
2:	-0.723	0.503
3:	-0.190	0.233
4:	0.265	0.347
5:	-0.330	-0.171
6:	-0.590	-1.651
7:	0.686	-0.892
8:	0.360	0.035
9:	0.120	-0.184
10:	0.069	0.013

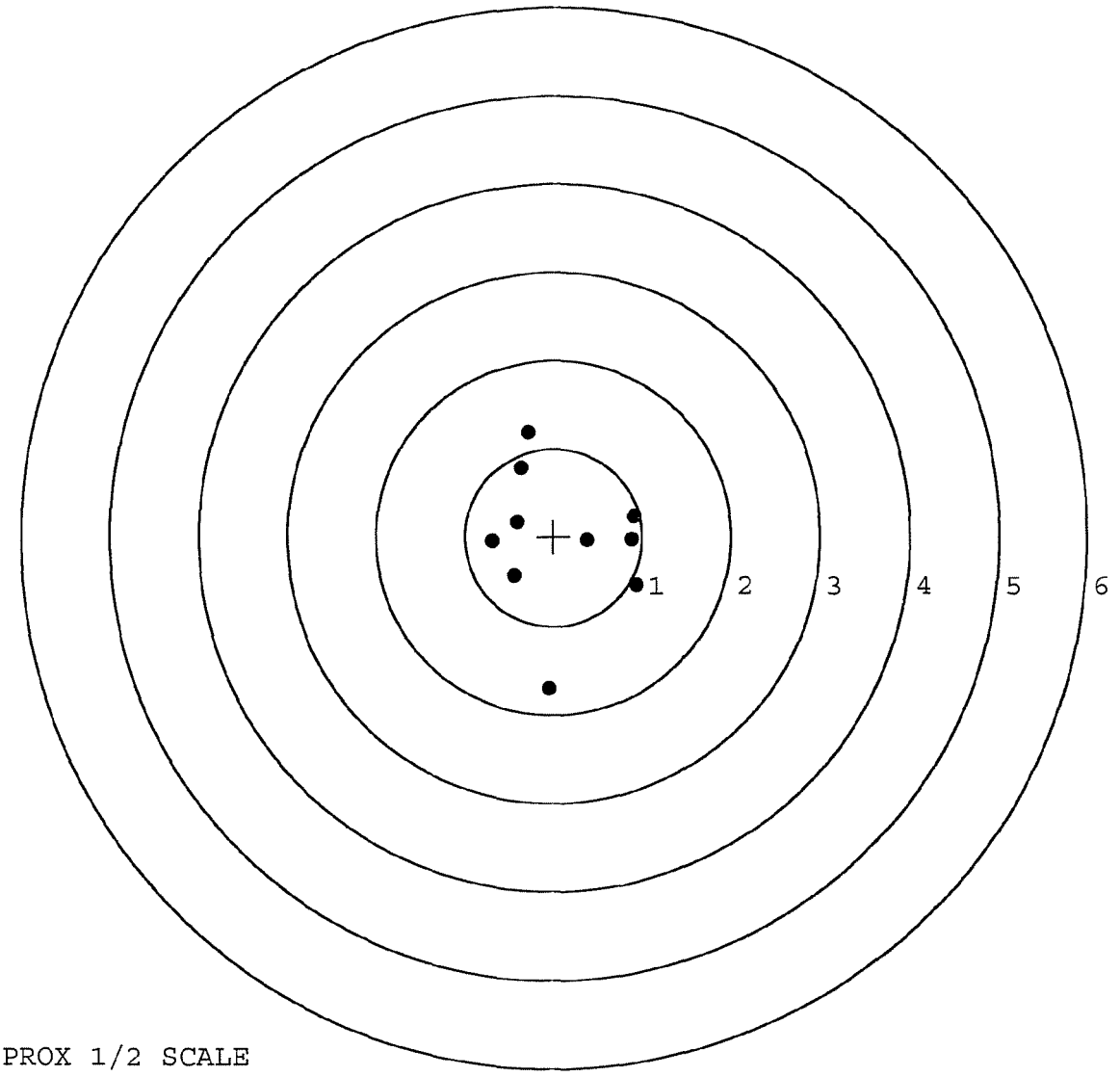


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349147.__0
TARGET NUMBER: 2
FILE DATE: 08/15/2006
FILE TIME: 20:21

X CENTROID:	0.086
Y CENTROID:	-0.046
POA TO CENTROID:	0.097
HORZ SPREAD:	1.629
VERT SPREAD:	2.894
GROUP SPREAD:	2.904
MIN RADIUS:	0.299
MAX RADIUS:	1.673
MEAN RADIUS:	0.884
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-0.048	-1.713
2:	0.942	-0.541
3:	0.908	0.239
4:	0.886	-0.032
5:	0.385	-0.045
6:	-0.453	-0.440
7:	-0.687	-0.058
8:	-0.410	0.173
9:	-0.372	0.780
10:	-0.294	1.181

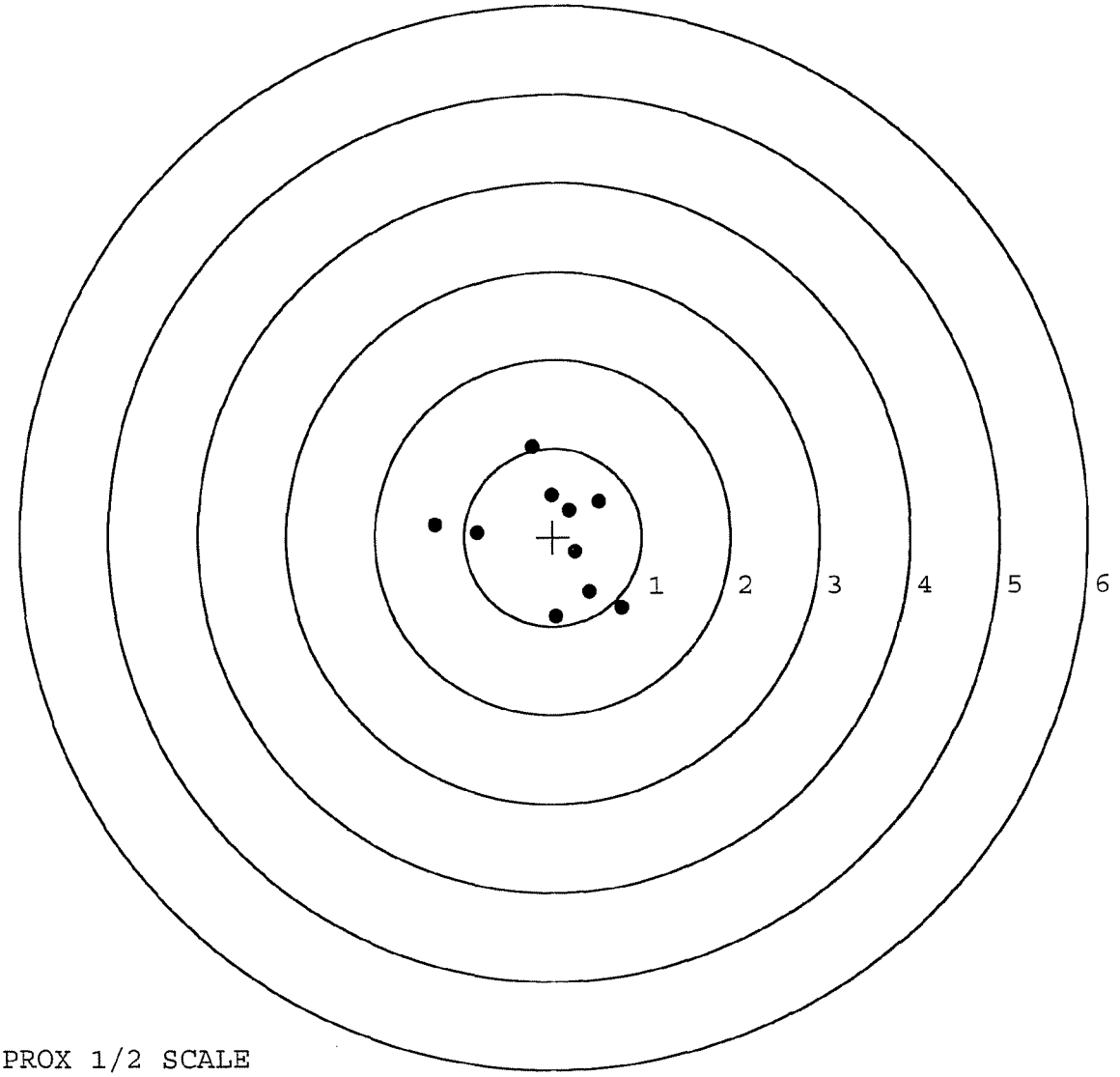


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349147.__0
TARGET NUMBER: 3
FILE DATE: 08/15/2006
FILE TIME: 20:21

X CENTROID:	-0.028
Y CENTROID:	-0.008
POA TO CENTROID:	0.030
HORZ SPREAD:	2.096
VERT SPREAD:	1.910
GROUP SPREAD:	2.297
MIN RADIUS:	0.321
MAX RADIUS:	1.304
MEAN RADIUS:	0.780
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-1.324	0.140
2:	-0.851	0.060
3:	0.772	-0.799
4:	0.033	-0.895
5:	0.409	-0.614
6:	0.249	-0.170
7:	-0.239	1.015
8:	0.515	0.402
9:	-0.023	0.477
10:	0.175	0.304

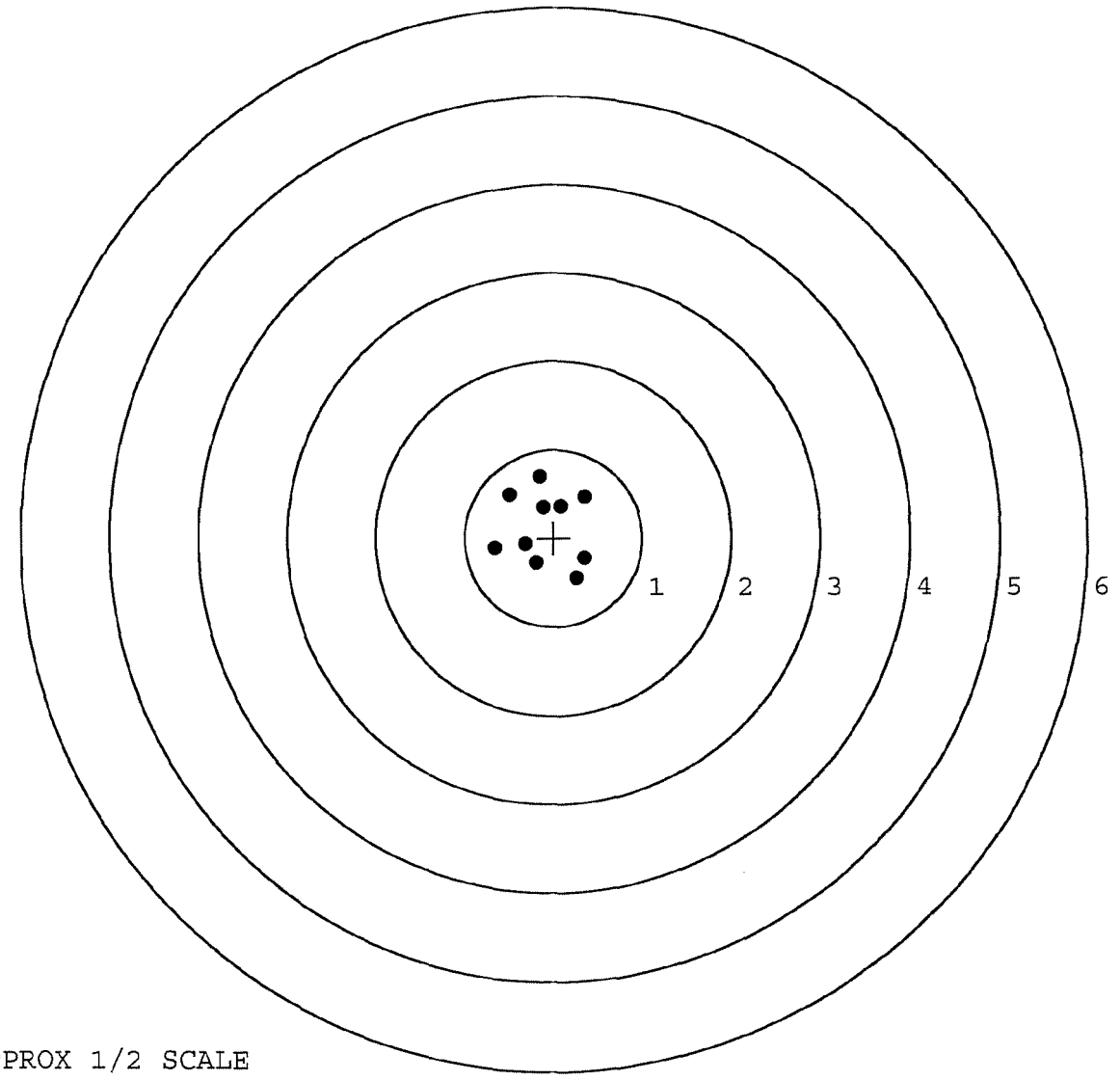


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349147.__0
TARGET NUMBER: 4
FILE DATE: 08/15/2006
FILE TIME: 20:21

X CENTROID:	-0.095
Y CENTROID:	0.123
POA TO CENTROID:	0.155
HORZ SPREAD:	1.013
VERT SPREAD:	1.149
GROUP SPREAD:	1.226
MIN RADIUS:	0.230
MAX RADIUS:	0.679
MEAN RADIUS:	0.480
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.262	-0.454
2:	0.348	-0.227
3:	0.349	0.468
4:	-0.165	0.695
5:	-0.505	0.497
6:	-0.664	-0.108
7:	-0.323	-0.072
8:	-0.123	0.352
9:	-0.204	-0.282
10:	0.078	0.364

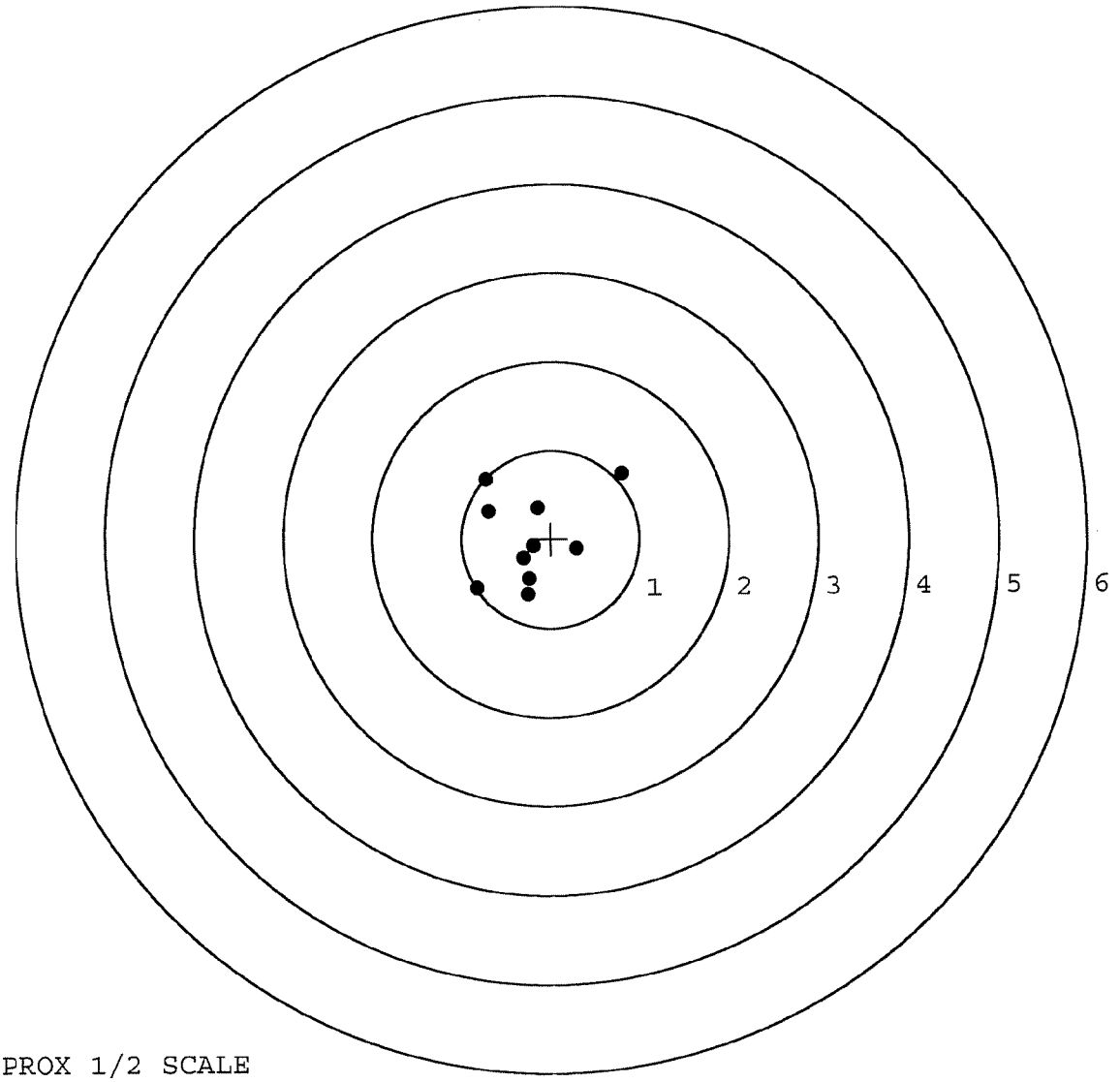


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349147.__0
TARGET NUMBER: 5
FILE DATE: 08/15/2006
FILE TIME: 20:21

X CENTROID:	-0.233
Y CENTROID:	0.004
POA TO CENTROID:	0.233
HORZ SPREAD:	1.627
VERT SPREAD:	1.364
GROUP SPREAD:	2.074
MIN RADIUS:	0.092
MAX RADIUS:	1.268
MEAN RADIUS:	0.578
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.800	0.739
2:	0.291	-0.117
3:	-0.827	-0.548
4:	-0.726	0.674
5:	-0.700	0.318
6:	-0.261	-0.625
7:	-0.251	-0.451
8:	-0.201	-0.082
9:	-0.148	0.351
10:	-0.309	-0.215



TARGET APPROX 1/2 SCALE

M-24
INSPECTION CHECKLIST - REPAIRS
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER	115158
SERIAL NUMBER	CL03 49147
LOG-IN DATE	7-31-06

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		8-6-06	RTL
505	RE-BARREL		8-8-06	RTL
420	ASSEMBLE		8-8-06	RTL
440	PROOF	MAGNA-FLUX INSPECTED AUG 11 2006	8-9-06	BLG
460	CHECK HEADSPACE		8-9-06	BLG
470	DIS-ASSEMBLE GUN		8-9-06	BLG
480	MAGNAFLUX	OPERATOR	8-11-06	APD
510	DRILL AND TAP		8-10-06	TRW
500	ROLLMARK CALIBER		8-11-06	CW
520	GOFF BLAST BBL / REC		8-11-06	CB
530 & 540	APPLY COATINGS		8/13/06	
560	FINAL ASSEMBLY		8-15-06	RTL
640	FUNCTION TEST AND	(PASS) FAIL	8-15-06	L.P.D.
650	TARGET	(PASS) FAIL	8-15-06	L.P.D.
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		8-17-06	MJH
	A) HEADSPACE	(PASS) FAIL	8-17-06	MJH
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.82 2.84 2.67 2.80 2.71	8-16-06	DA
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	5.5 5.5 5.5	8-16-06	DA
	G) SAFETY OFF FORCE (2 LBS MIN)	2.5 2.5 2.5	8-16-06	DA
	I) FIRING PIN INDENT .020	.025 .024 .025	8-16-06	DA
690	PACK		9-22-06	DA

N/A

F006 REV 5/2006

FINAL INSPECTION CHECKLIST

BARREL ASSEMBLY

_____ BARREL

_____ RECEIVER

_____ FRONT SIGHT BASE

_____ REAR SIGHT BASE

_____ SCREWS

_____ FINISH

SCOPE ASSEMBLY

_____ SCOPE

_____ SCOPE RINGS

_____ MOUNTING SCREWS

_____ MOUNTING BASE

_____ SCREWS

_____ FINISH

_____ CLARITY

STOCK ASSEMBLY

_____ STOCK

_____ SLING SWIVEL STUDS

_____

_____ BUTT PATE

_____ LOCK NUTS

_____ BARREL CLEARANCE

_____ COLOR / FINISH

SYSTEM CASE

_____ SCOPE CASE

_____ IRON SIGHTS

_____ DEPLOYMENT KIT

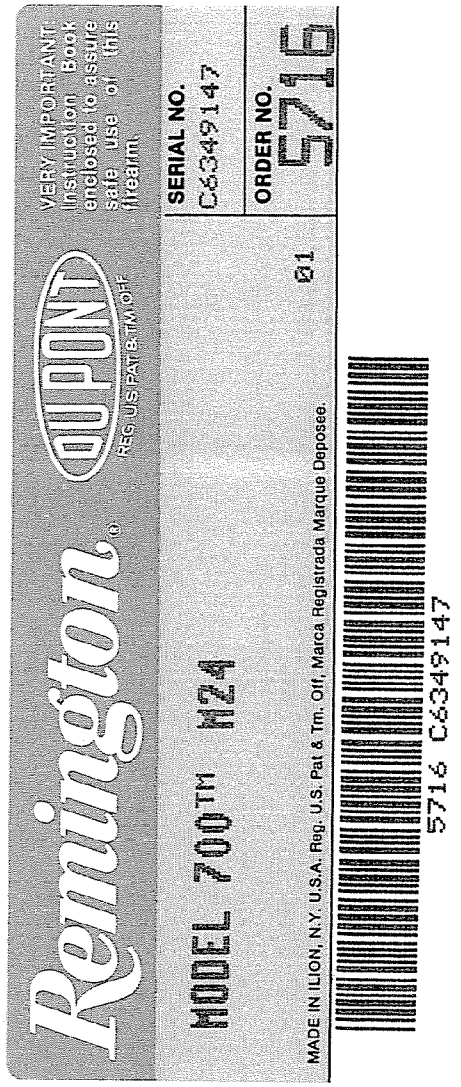
TRIGGER ASSEMBLY

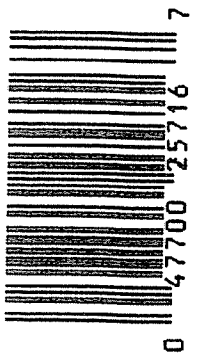
_____ SAFETY OPERATION

_____ RE-SET TO FACTORY SPECS

COMMENTS: _____

F006 REV 5/2006


Remington
DUPONT
REG. U.S. PAT. & TM. OFF.
VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700 TM M24
SERIAL NO.
C6349147
ORDER NO.
5716
01
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off., Marca Registrada Marque Deposee.
5716 C6349147


UPC
0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # CB349147

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	5 2	90	RW
600	Proof	5 2	90	RW
607	Check Headspace	5 2	90	RW
610	Dis-assemble Gun	5 2	90	RW
612	Magnaflux Barrel Action	5-8-90		KER
	Magnaflux Bolt	5-8-90		KER
615	Rollmark Caliber		5/8/90	GS
617	Drill and Tap Sight Holes		5/8/90	FB
618	Polish Barrel RB.		5/10/90	RB
620	Apply Coatings (Barrel Action)		5/16/90	DH
	Apply Coating (Bolt)		5/16/90	DH
625	Final Assembly A) Clean inside of Bolt Assembly		5/18/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/18/90	RW
	C) Inspect Ejector Hole for Chamfer		5/18/90	RW
	D) Oil Firing Pin Ass'y		5/18/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/24/90	DH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/2	4 1/4	4 1/2			5/24/90	WB
	G) Safety Off Force	2	2	2			5/24/90	WB
	H) Trigger Pull Test & Retainability						5/24/90	
	I) Firing Pin Indent	.0235	.023	.023			5/24/90	WB
	J) Assemble Stock						5/29/90	RW
	K) Assemble Swivel Studs						6-6-90	
	L) Attach Front and Rear Sight Assemblies						5/29/90	RW
	M) Iron Sight Alignment						5/29/90	RW
	N) Detach Front & Rear Sights & place in numbered container						5/29/90	RW
	O) Attach Scope to Rifle						5/29/90	
	P) Detach & Attach Scope 20 Times						5/24/90	
640	Gallery Target & Test						5-30-90	AC
	A) Time						5-30-90	AC
	B) Malfunctions						5-30-90	AC
	C) Pierced Primers						5-30-90	AC
	D) Optical Clearity of Scope						5-30-90	AC
645	Inspect for Live Ammo						5-30-90	AC
655	Final Inspection A) Headspace						6-8-90	
	B) Trigger Pull	263	265	260	261	252	6-6-90	
	C) Function						6-6-90	
660	Pack						6-9-90	

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C6349147
DATE 5/24/90
TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.55	2.23	2.28	263	MIN. SETTING,
PULL #2	2.31	2.18	2.20	265	NO AVG. OF 5
PULL #3	2.22	2.22	2.24	260	READINGS ACCEPT-
PULL #4	2.41	2.21	2.20	261	ABLE LESS THAN 2#
PULL #5	2.27	2.11	2.24	252	
TOTAL	11.76	10.95	11.16		
AVG.	2.352	2.19	2.232		

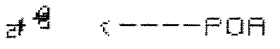
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.49	3.24		
PULL #2	3.31	3.24		
PULL #3	3.35	3.19		
PULL #4	3.36	3.16		
PULL #5	3.37	3.11		
TOTAL	16.88	15.94		
AVG.	3.376	3.188		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.39	4.18		4.27
PULL #2	4.24	4.12		4.20
PULL #3	4.18	4.21		4.18
PULL #4	4.28	4.22		4.21
PULL #5	4.17	4.12		4.28
TOTAL	21.20	20.85		21.14
AVG.	4.24	4.17		4.228

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349147
31 May 1990

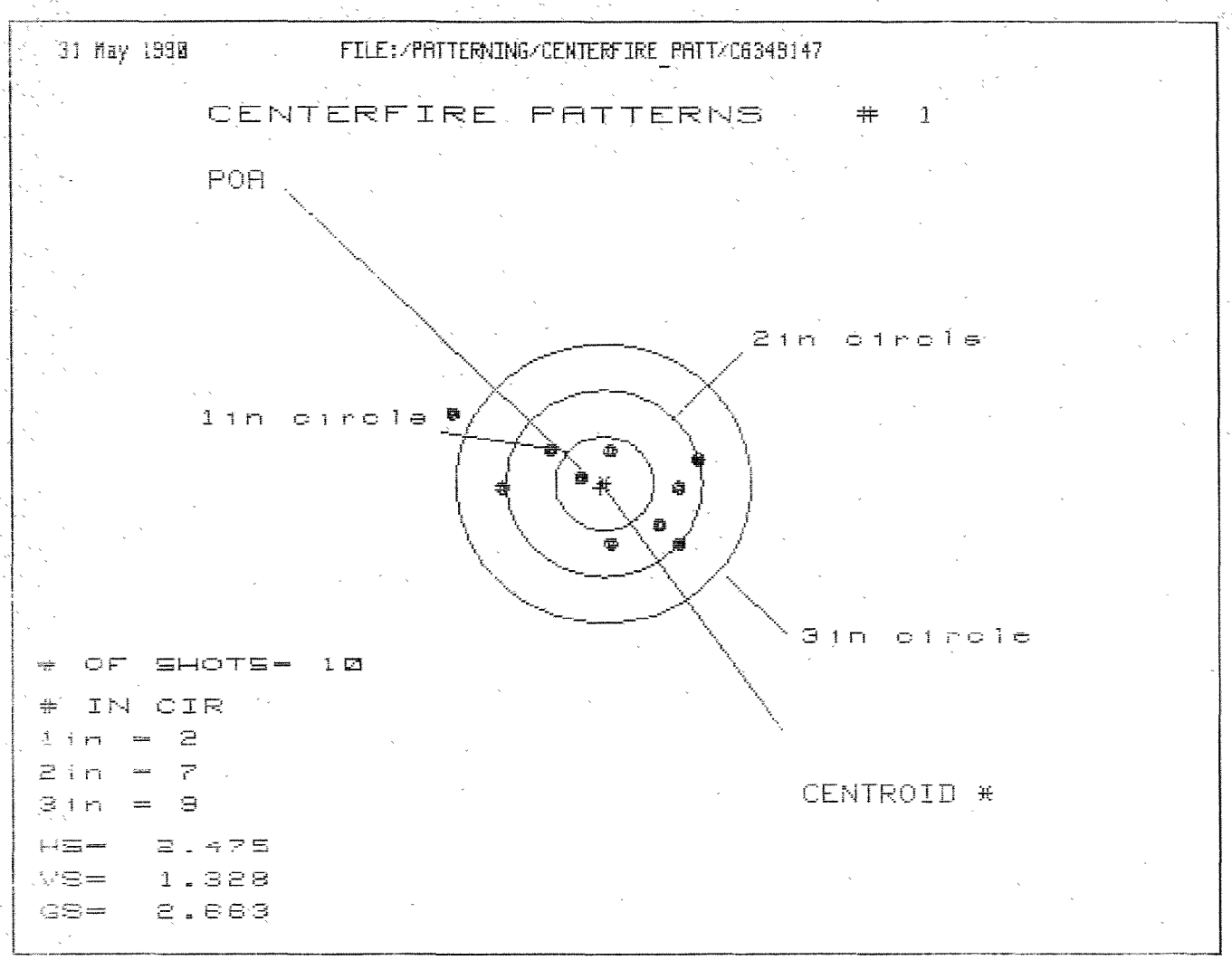
CENTROIDAL DISTANCES

0	TO	1	.060959
1	TO	2	.201375
1	TO	3	.502697
1	TO	4	.34094
1	TO	5	.451864

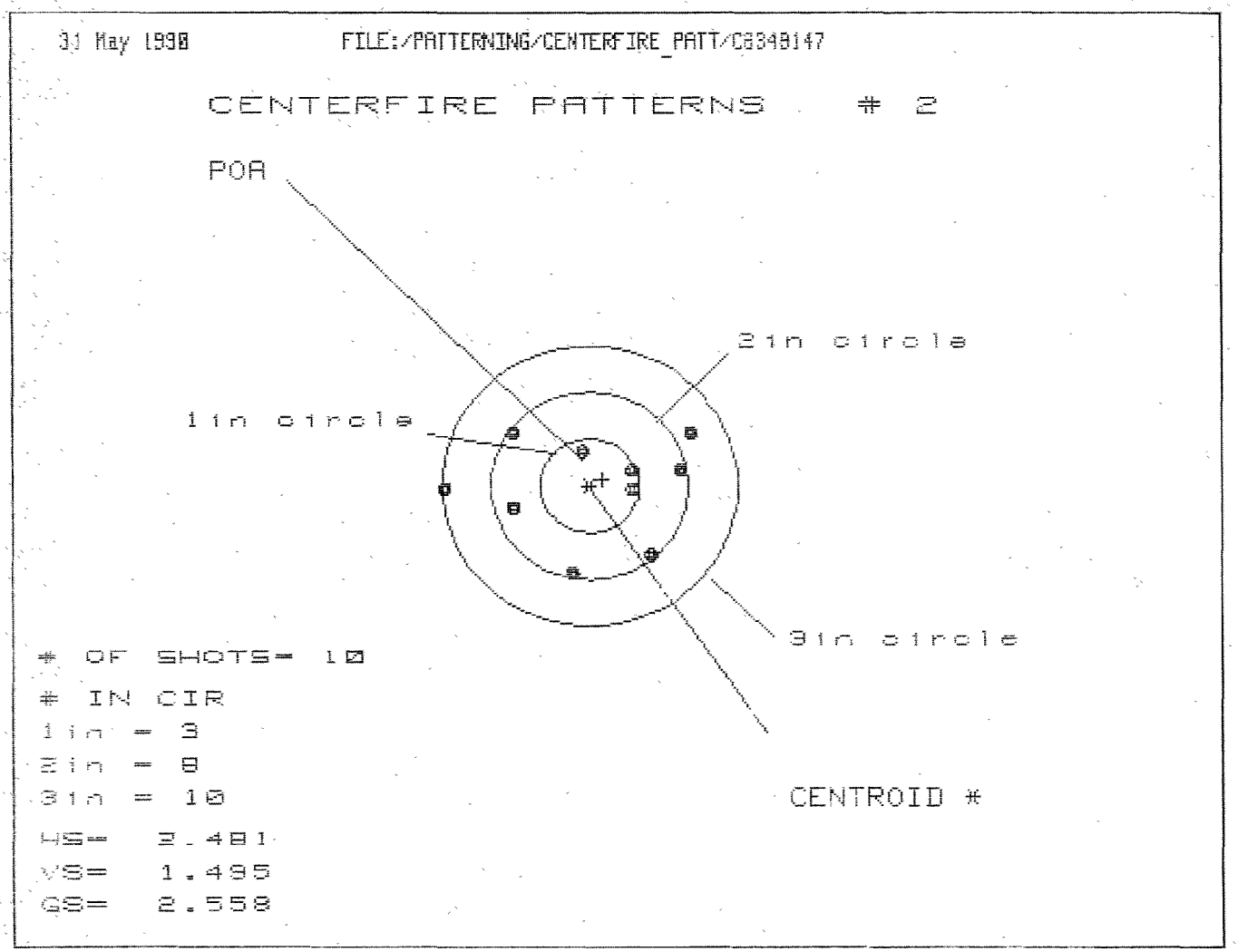


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2504
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .101
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .270002

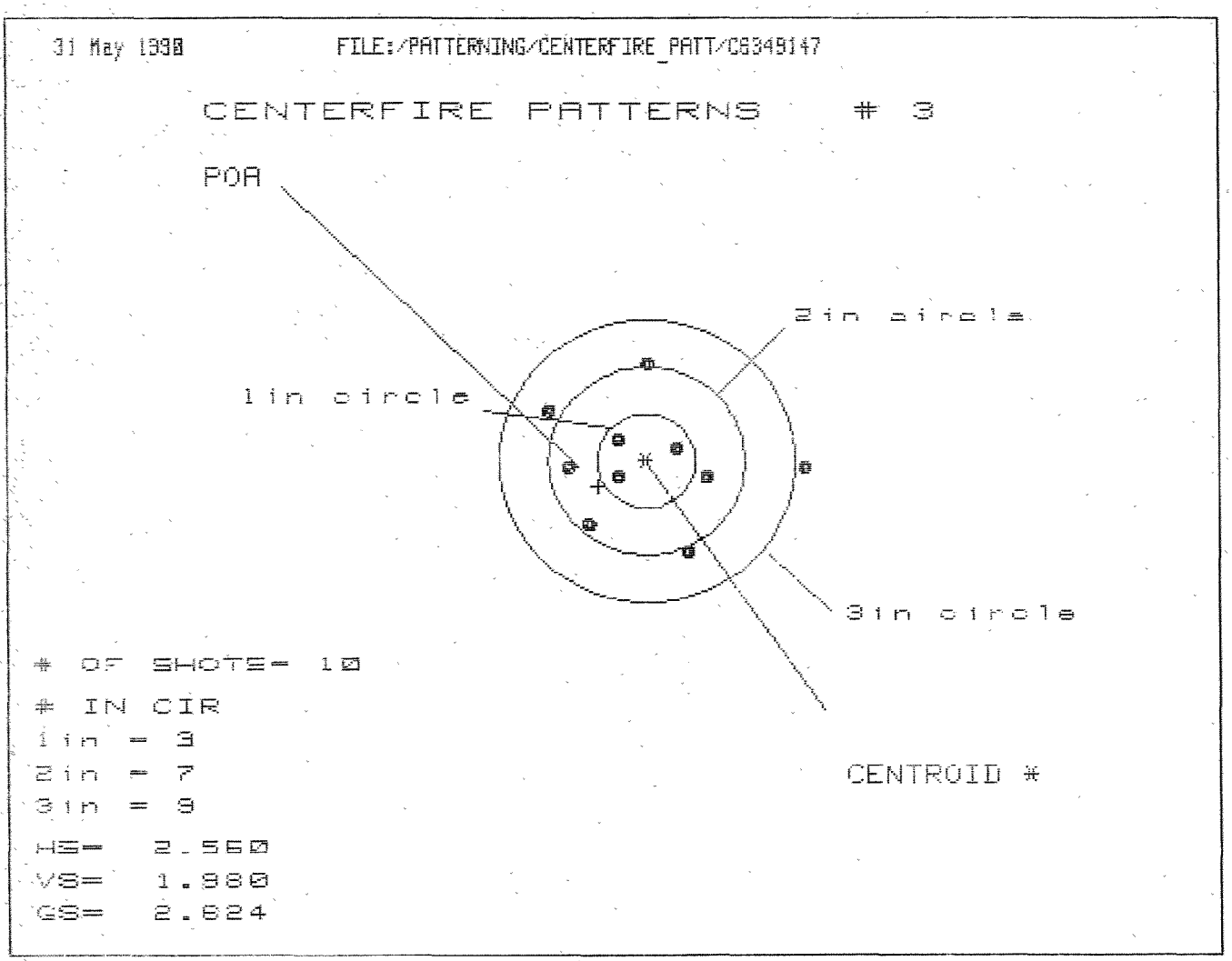
THE AMR FOR THIS RIFLE IS: .8522



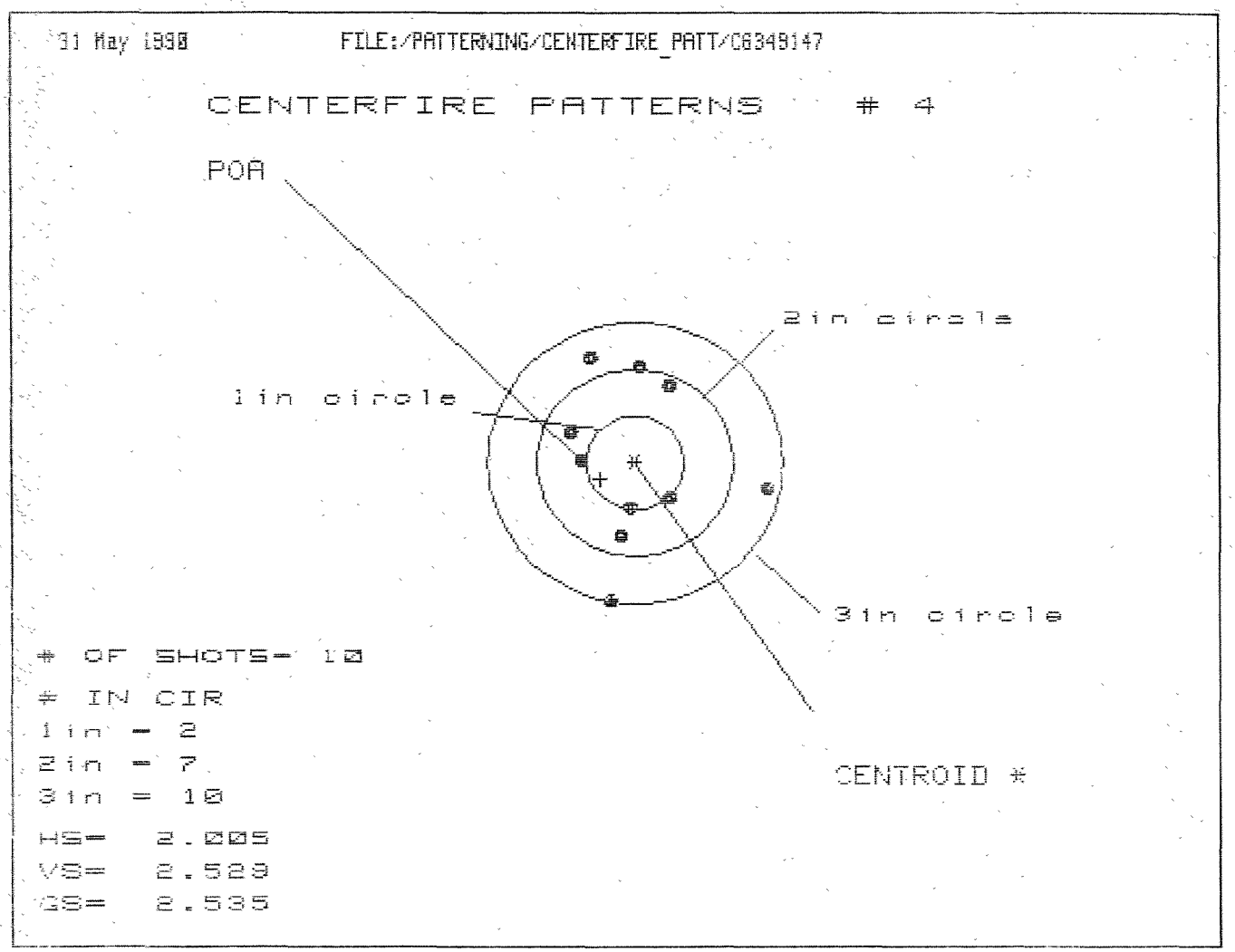
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.975	.808	.888
MINIMUM X	:	-1.500	-1.161	-1.081
MAXIMUM Y	:	.711	.439	.372
MINIMUM Y	:	-.617	-.538	-.603
CENTROID X	:	.040	.207	.127
CENTROID Y	:	.046	-.033	.034
POA TO CENTROID in.	:	.061	.210	.131
MIN RADIUS	:	.297	.424	.353
MEAN RADIUS	:	.816	.707	.684
MAX RADIUS	:	1.660	1.161	1.082
HORIZONTAL SPREAD	:	2.475	1.969	1.969
VERTICAL SPREAD	:	1.328	.977	.975
EXTREME SPREAD	:	2.663	1.994	1.994
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	



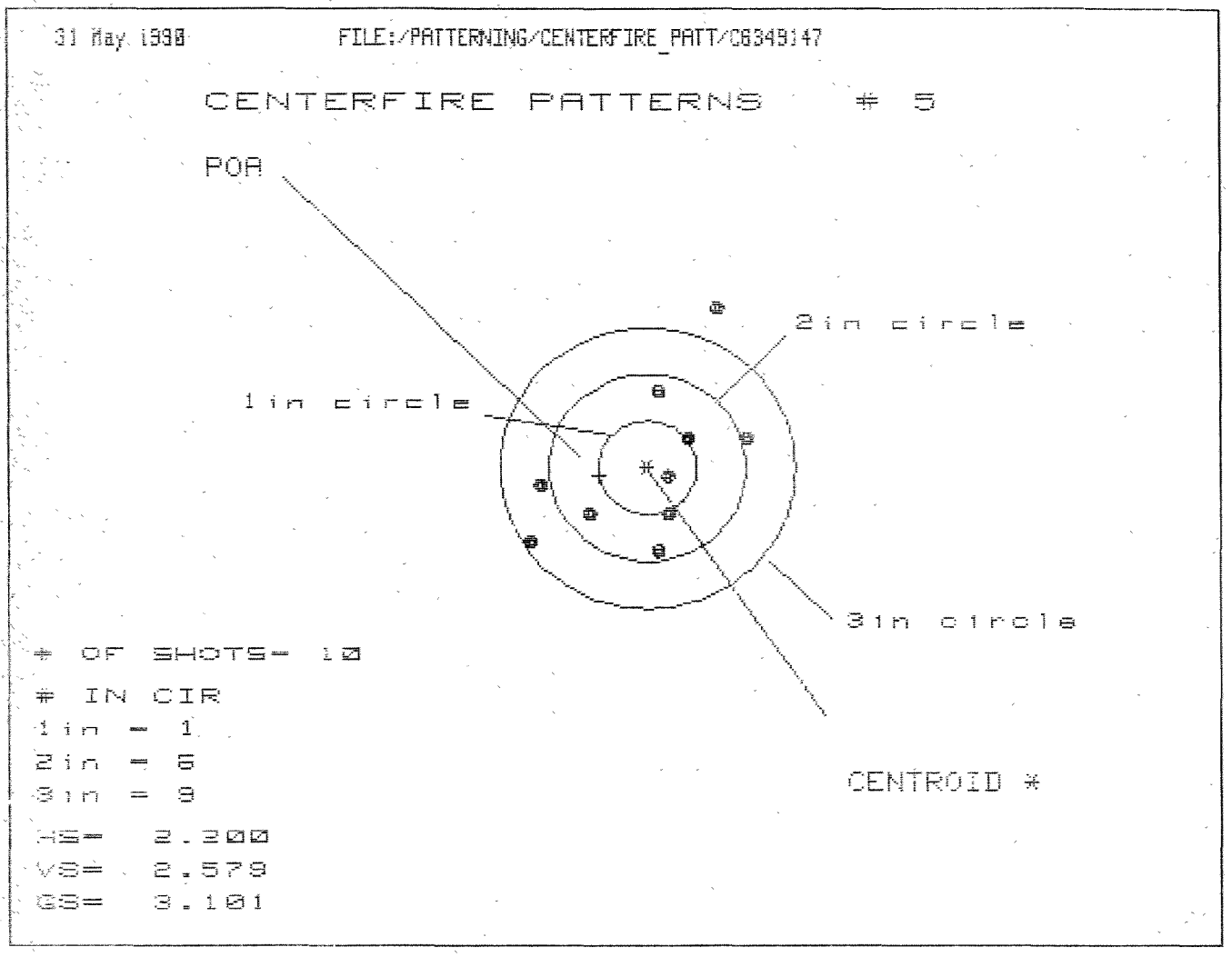
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.993	.828	.816
MINIMUM X	:	-1.488	-.976	-.873
MAXIMUM Y	:	.590	.586	.611
MINIMUM Y	:	-.905	-.909	-.836
CENTROID X	:	-.126	.039	-.064
CENTROID Y	:	-.068	-.064	-.137
POA TO CENTROID in.	:	.143	.075	.152
MIN RADIUS	:	.400	.236	.339
MEAN RADIUS	:	.841	.735	.714
MAX RADIUS	:	1.488	1.047	1.003
HORIZONTAL SPREAD	:	2.481	1.804	1.689
VERTICAL SPREAD	:	1.495	1.495	1.447
EXTREME SPREAD	:	2.558	1.985	1.837
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.591	.777	.678
MINIMUM X	:	-.969	-.792	-.723
MAXIMUM Y	:	1.060	1.052	1.115
MINIMUM Y	:	-.920	-.928	-.865
CENTROID X	:	.492	.315	.414
CENTROID Y	:	.266	.274	.211
POA TO CENTROID in.	:	.559	.417	.465
MIN RADIUS	:	.302	.183	.207
MEAN RADIUS	:	.807	.695	.665
MAX RADIUS	:	1.593	1.077	1.122
HORIZONTAL SPREAD	:	2.560	1.569	1.401
VERTICAL SPREAD	:	1.980	1.980	1.980
EXTREME SPREAD	:	2.624	2.004	2.004
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.331	1.303	.506
MINIMUM X	:	-.674	-.702	-.539
MAXIMUM Y	:	1.094	.934	.885
MINIMUM Y	:	-1.435	-.916	-.965
CENTROID X	:	.356	.384	.221
CENTROID Y	:	.174	.334	.383
POA TO CENTROID in.	:	.396	.509	.442
MIN RADIUS	:	.462	.567	.421
MEAN RADIUS	:	.887	.824	.734
MAX RADIUS	:	1.458	1.360	.965
HORIZONTAL SPREAD	:	2.005	2.005	1.045
VERTICAL SPREAD	:	2.529	1.850	1.850
EXTREME SPREAD	:	2.535	2.198	1.872
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.054	1.132	.998
MINIMUM X	:	-1.146	-1.068	-1.126
MAXIMUM Y	:	1.670	.957	.877
MINIMUM Y	:	-.909	-.724	-.804
CENTROID X	:	.490	.412	.546
CENTROID Y	:	.087	-.098	-.018
POA TO CENTROID in.	:	.497	.424	.546
MIN RADIUS	:	.215	.322	.167
MEAN RADIUS	:	.910	.796	.715
MAX RADIUS	:	1.809	1.246	1.133
HORIZONTAL SPREAD	:	2.200	2.200	2.124
VERTICAL SPREAD	:	2.579	1.681	1.681
EXTREME SPREAD	:	3.101	2.461	2.184
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	